

PATENT NUMBER

**U.S. UTILITY PATENT APPLICATION**

<div>①</div> <div>LB</div> <div>SCANNED <u>cr</u></div>	<div>O.I.P.E.</div> <div><u>TH</u></div> <div>Q.A.</div>	<div>PATENT DATE</div>
---	--	------------------------

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	713	194	2135	SONG

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

**BEST AVAILABLE COPY**

**PREPARED AND APPROVED FOR ISSUE**

ISSUING CLASSIFICATION										
ORIGINAL				CROSS REFERENCE(S)						
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
713		194		380	51					
INTERNATIONAL CLASSIFICATION				705	60	410				
H	0	4	L	9 / 32						

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. <div style="text-align: center;">3</div>	Figs. Drwg. <div style="text-align: center;">3</div>	Print Fig. <div style="text-align: center;">1</div>	Total Claims <div style="text-align: center;">5</div>	Print Claim for O.G. <div style="text-align: center;">1</div>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	<div style="text-align: center;"> <u>Hasuk SCANG</u>          (Assistant Examiner)       </div> <div style="text-align: center;"> <u>1/9/04</u>          (Date)       </div>			<b>NOTICE OF ALLOWANCE MAILED</b>  	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____  _____  _____	<div style="text-align: center;">         _____          (Primary Examiner)       </div> <div style="text-align: center;">         _____          (Date)       </div>				
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	<div style="text-align: center;">         _____          (Legal Instruments Examiner)       </div> <div style="text-align: center;">         _____          (Date)       </div>			<b>ISSUE FEE</b>  <div style="display: flex; justify-content: space-between;"> <div>           Amount Due   </div> <div>           Date Paid   </div> </div>	
			<b>ISSUE BATCH NUMBER</b>		

**WARNING:**

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form **PTO-436A**  
(Rev. 6/98)

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

(LABEL AREA)

(FACE)